

08/737-3/9

ABSTRACT

A DNA chain having characteristic of increasing carotenoid production, and containing the nucleotide sequence which encodes the polypeptide having the substantially same amino acid sequence described in ~~SEQUENCE ID No. 1 or 2~~, or a DNA chain which hybridizes with said DNA chain, and a method for production for carotenoid characterized by introducing said DNA chain into the carotenoid-producing microorganisms, culturing said transformed microorganism and increasing carotenoid content in the culture broth and cells.

SEQ ID NO: 1 or SEQ ID NO: 2

Sub E2

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